ABSTRACT OF THE DISCLOSURE

An arithmetic control circuit stores a set of coordinate values of a plurality of points for defining a coordinate input area in an arbitrary space in advance, and determines whether a three-dimensional coordinate value as the position coordinates of the indicating tool belongs to the coordinate input area defined by the stored set of coordinate values. The three-dimensional coordinates of the indicating tool are then converted into a two-dimensional coordinate value corresponding to a display window on the basis of the determination result obtained by a determination unit.